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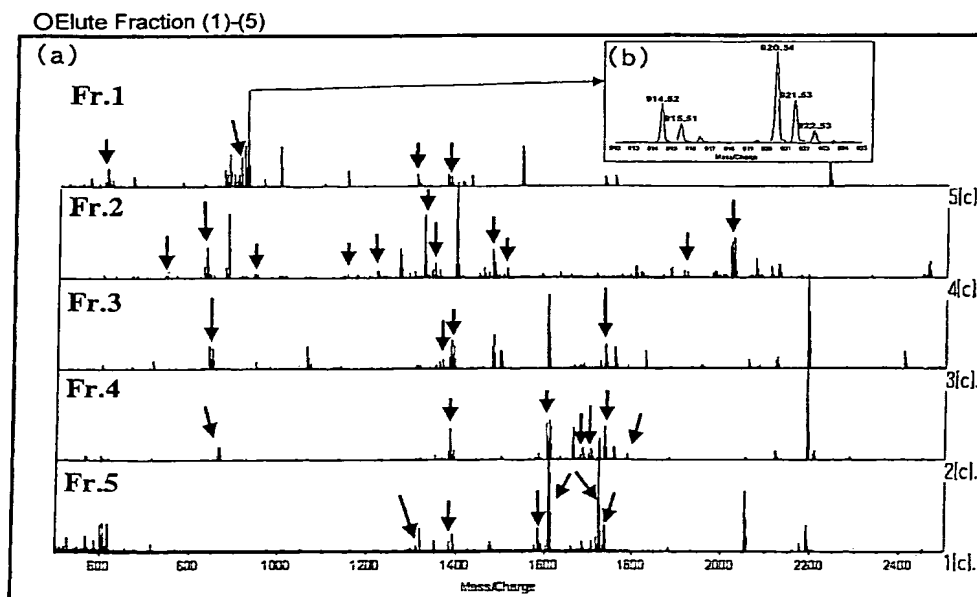
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(54) Title: METHOD FOR ENRICHMENT/SEPARATION OF PROTEIN OR PEPTIDE



(57) Abstract: The present invention finds a media that can highly selectively retain proteins or peptides to be enriched/separated, as well as provides a method for selectively enriching/separating proteins or peptides using such a media. A method for enrichment/separation of a protein or a peptide, comprising separating a protein or a peptide containing an amino acid residue with a π electron-containing group by using a media with a π electron-containing group. Preferably, the amino acid residue is a tryptophan residue or a tryptophan residue modified with a sulfenyl compound, and the media is a media with phenyl group.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
Int.Cl. ⁷ G01N30/88, G01N30/06, G01N30/84, C07K1/16, C07K1/13		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Int.Cl. ⁷ G01N30/88, G01N30/06, G01N30/84, C07K1/16, C07K1/13		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2005, Japanese Registered Utility Model Gazette 1994-2005, Japanese Gazette Containing the Utility Model 1996-2005		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 9-043222 A (NAKARAITE SUKU KABUSIKIGAI SYA) 1997.02.14 (Family:none)	1, 4, 9, 10 2, 3, 5-8
A	WO 2003/051484 A (AMERSHAM BIOSCIENCES AB) 2003.06.26 & EP 1455920 A & US 2005-43522 A & JP 2005-512105 & CA 2467539 A	1-10
A	Hiroyuki kuyama, et.al, "An approach to quantitative proteome analysis by labeling tryptophan residues", RAPID COMMUNICATIONS IN MASS SPECTROMETRY, 2003;17;P1642-1650, (2003)	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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